Form PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 18107 [TYC-03-1286]	SERIAL NO. 10/685,264
	APPLICANT Robert Ian Gresham et al.	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL*		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
NW	AA	4,614,915	09/30/86	Heston et al.	330	277	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
NW	AL	61181208	08/13/86	Japan	—	—	Abstract Only	
NW	AM	0 463 377 A1	01/02/92	EP	—	—		x
	AN							
	AO							
	AP							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

NW	AR	R.J. Yarema, T. Zimmerman, W. Williams, M. Binkley, T. Huffman, R. Wagner, "A HIGH PERFORMANCE MULTI-CHANNEL PREAMPLIFIER ASIC," February, 1992, pp. 616-620, IEEE, Fermi National Accelerator Laboratory, P.O. Box 500, Batavia, IL 60510
NW	AS	Wei Meng Lim, Manh Anh Do, Jian Guo Ma and Kiat Seng Yeo, "A BROADBAND CMOS LNA FOR WLAN APPLICATIONS," April, 2003, IEEE, School of Electrical and Electronic Engineering, Nanyang Technological University Singapore 639798
NW	AT	A.H. Ching, G.R. Branner and D.G. Thomas, Jr., "REDUCED-SIZE LOW NOISE-LOW POWER CONSUMPTION AMPLIFIER DESIGNS FOR COMMUNICATIONS AND RF APPLICATIONS," April, 1997, 1379-1382, IEEE, Department of Electrical and Computer Engineering, University of California, Davis, CA 95616

EXAMINER	NGUYEN, KV	DATE CONSIDERED	2/3/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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	AU						
	AV						
	AW						
	AX						
	AY						
	AZ						
	BA						
	BB						
	BC						
	BD						
	BE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	BF							
	BG							
	BH							
	BI							
	BJ							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

NW	BK	S.L.G. Chu, R. Wohlert, G. Jackson, M. Adlerstein, J.B. Cole, M. Zaitlin, "A Ka-band HBT Two-stage LNA," March, 1994, pp. 307-310, IEEE, Raytheon Company, Research Division, 131 Spring Street, Lexington, Massachusetts, 02173
NW	BL	Donald G. Thomas, Jr., G.R. Branner, DESIGN OF LOW-NOISE RF/MICROWAVE AMPLIFIERS FOR COMMUNICATION SYSTEMS REQUIRING VERY LOW POWER CONSUMPTION," April, 1996, pp. 1007-1010, IEEE, Department of Electrical and Computer Engineering, University of California, Davis, California, 95616
NW	BM	Jeffrey A. Lester, W.L. Jones, P.D. Chow, "HIGH PERFORMANCE MMIC 20 GHz LNA AND 44 GHz POWER AMPLIFIER USING PLANAR-DOPED InGaAs HEMTs," April, 1991, pp. 433-436, IEEE, TRW Electronic Systems Group, Redondo Beach, California

EXAMINER	NGUYEN, KV	DATE CONSIDERED	2/3/06

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U.S. PATENT DOCUMENTS

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	BN						
	BO						
	BP						
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	BW						
	BX						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	BY							
	BZ							
	CA							
	CB							
	CC							

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

NW	CD	P. Roux, Y. Baeyens, V. Houtsma, A. Leven, J. Weiner, A. Benz, Y.K. Chen, "Single ended to Differential MHEMT Transimpedance Amplifier with 66 dB-Ω differential Transimpedance and 50 GHz Bandwidth," January, 2003, WE5D-6, pp. 1193-1196, IEEE, Lucent Technologies, Bell Laboratories, 16 Av. Descartes, 92352 Le Plessis Robinson, France, 600 Mountain Avenue, Murray-hill, New Jersey, 07974, Optical Networking Group, Nuremberg, Germany
	CE	
	CF	

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